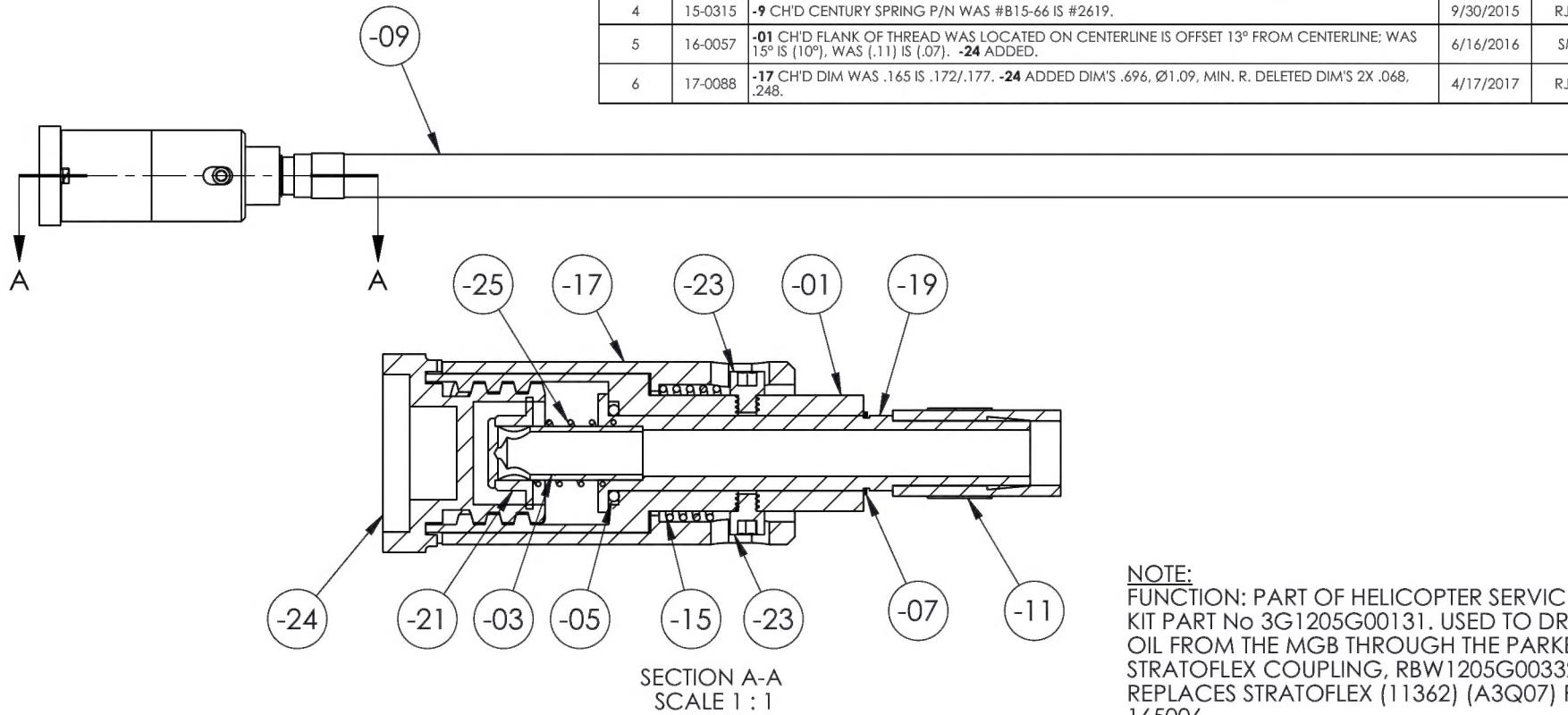


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REVISIONS						
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED	
1		REDESIGNED WITH SHUTOFF AND RETAINING SLEEVE, ADDED PARTS -03, -17, -19, -21 & -23.	3/2/2011	JAG		
2		-01 CH'D TO CLEAR ANODIZE, THREAD CORRECTED TO 13/16-6. -03 CH'D HOLE FROM Ø.20, CH'D LIMIT DIM FROM Ø.3135 -.3139. -17 CH'D TO CLEAR ANODIZE. -19 CH'D HOLE DIA. FROM Ø.26 AND .10 FLANGE TO .06. -21 CH'D Ø.313 TO LIMIT DIM S.F.	11/30/2011	RJC	DW	
3		-17 ADDED ENGRAVE NOTE. -23 CH'D O.D. FROM Ø.20 TO Ø.200 +.003 -.000.	2/15/2012	RJC	SE	
3A		-13 DELETE, ENGRAVING IS ON -17 .	5/2/2013	RJC	RJC	
4	15-0315	-9 CH'D CENTURY SPRING P/N WAS #B15-66 IS #2619.	9/30/2015	RJC	JAG	
5	16-0057	-01 CH'D FLANK OF THREAD WAS LOCATED ON CENTERLINE IS OFFSET 13° FROM CENTERLINE; WAS 15° IS (10°). WAS (.11) IS (.07). -24 ADDED.	6/16/2016	SM	JAG	
6	17-0088	-17 CH'D DIM WAS .165 IS .172/.177. -24 ADDED DIM'S .696, Ø1.09, MIN. R. DELETED DIM'S 2X .068, .248.	4/17/2017	RJC	JAG	



NOTE:

FUNCTION: PART OF HELICOPTER SERVICING KIT PART No 3G1205G00131. USED TO DRAIN OIL FROM THE MGB THROUGH THE PARKER STRATOFLEX COUPLING, RBW1205G00332-3G REPLACES STRATOFLEX (11362) (A3Q07) P/N 165006.

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS		P
			-01	1	CAP	6061			
			-03	1	QUILL	303/304 S.S.			
		B/O	-05	1	O-RING	BURNA-N	9/16 OD X 1/16 CROSS	(MCMASTER-CARR #4464T123)	
		B/O	-07	1	EXTERNAL RETAINING RING	SPRING STEEL	Ø7/16 SHAFT	MCMASTER-CARR #91665A350	
		B/O	-09	1	HOSE	VINYL	Ø1/2 X 3/8 X 6 FT.	KURI-TECH #K010-0608	
		B/O	-11	1	CRIMP HOSE CLAMP	S.S.	Ø1/2	DIXON VALVE #OET-1315	
		B/O	-15	1	SPRING	SPRING STEEL	Ø3/4	CENTURY SPRING #2619	
			-17	1	SLEEVE	6061			
			-19	1	BARB	303/304 S.S.			
			-21	1	VALVE	303/304 S.S.			
			-23	2	SCREW	S.S.	6-32 X 1/8	(MCMASTER-CARR #92196A139) MODIFIED	
			-24	1	END CAP	6061			
		B/O	-25	1	SPRING	MUSIC WIRE	Ø.028 WIRE: Ø.360 OD X .5 FREE LENGTH	RIED #S1165	



MAIN GEAR BOX DRAIN TOOL

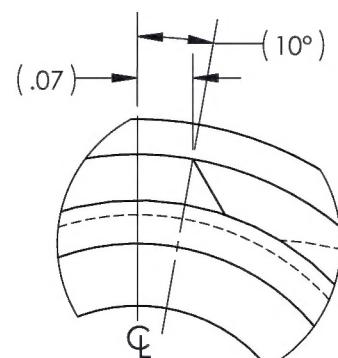
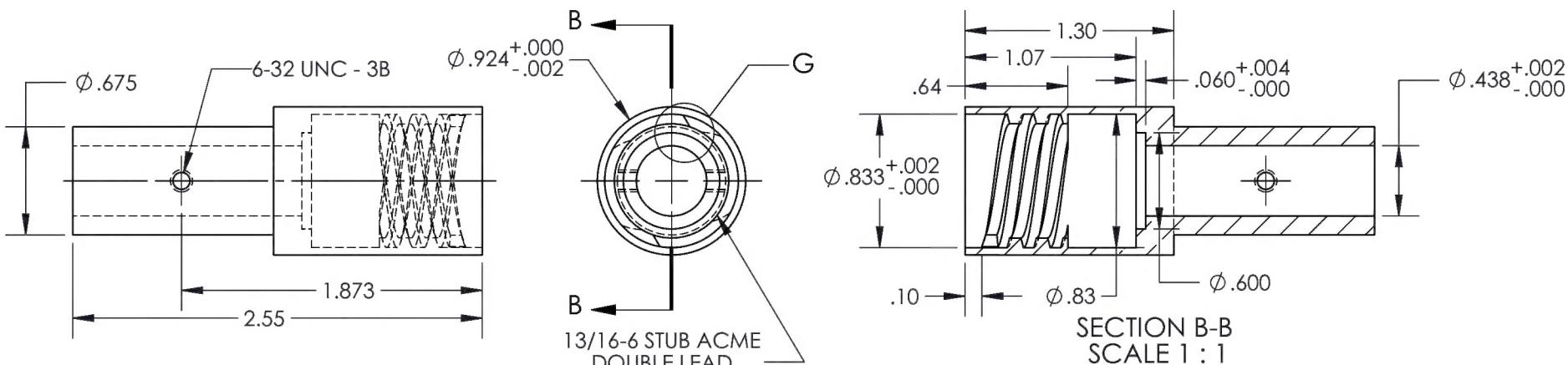
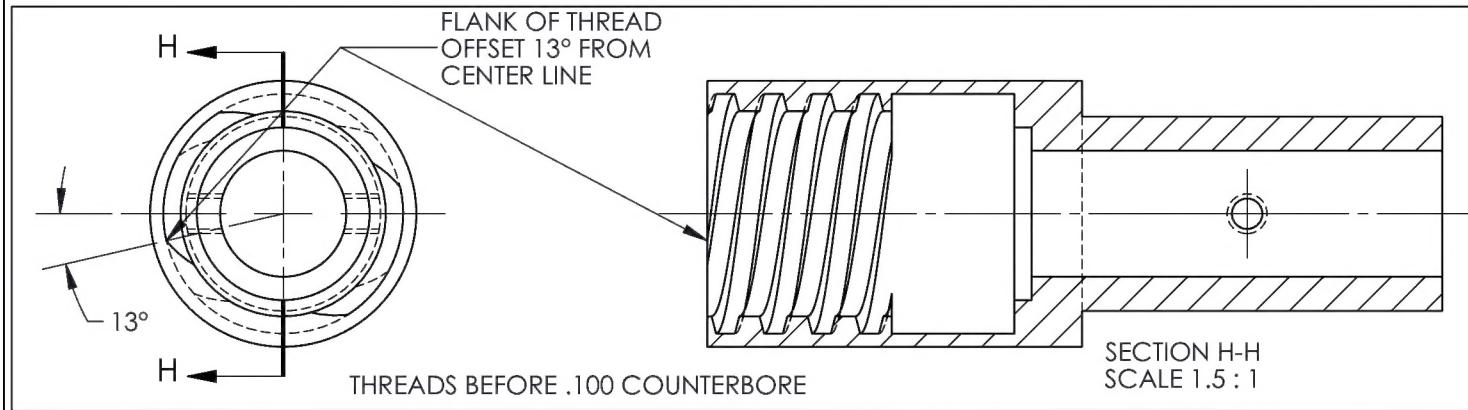
RBW1205G00332-3G

1

MATERIAL		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
HEAT TREAT		.000 ± .005 FRACTIONS ± 1/8		
FINISH		.000 ± .01 ANGLES ± .5°		
SPEC		.000 ± .01 SURFACES = 125		
DRAWN BY: PERRITT		1. BREAK ALL SHARP EDGES .015 x 45° OR .015R		
CHECKED: DUERFELDT		2. DIMENSIONAL LIMITS APPLY AFTER PLATING		
OPPS APPR: ANDERSON		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009		
QA APPR: LINDSAY		USED ON MODEL		
APPROVED: GILBERT		AGUSTA		
SCALE	1:2	DATE	2/23/2011	SHEET 1 OF 8

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REV			ECR			DESCRIPTION			REVISIONS		
REV	ECR								DATE	INITIAL	APPROVED
1						REDESIGNED TO USE WITH SLEEVE.			3/2/2011	JAG	
2						-01 CH'D TO CLEAR ANODIZE, THREAD CORRECTED TO 13/16-6.			12/20/2011	RJC	DW
5	16-0057					-01 CH'D FLANK OF THREAD WAS LOCATED ON CENTERLINE IS OFFSET 13° FROM CENTERLINE; WAS 15° IS (10°), WAS (.11) IS (.07).			6/16/2016	SM	JAG



DETAIL G
SCALE 4 : 1

REMOVE THREAD START
TO FULL THREAD WIDTH
AS SEEN IN ISO

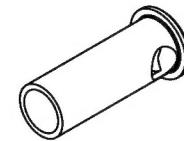
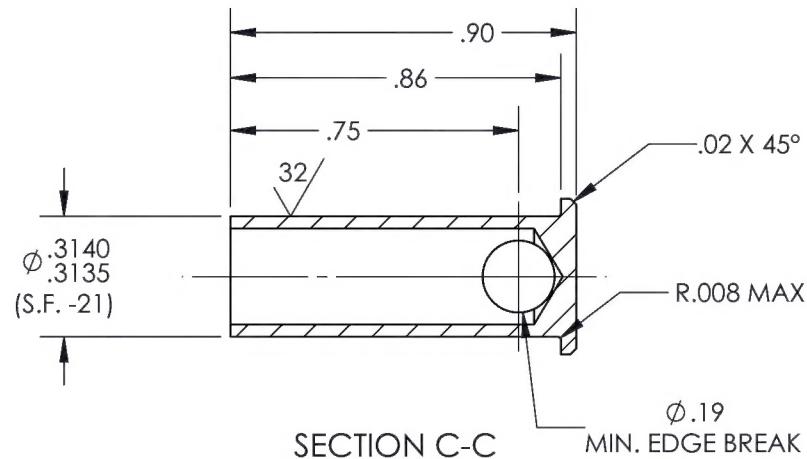
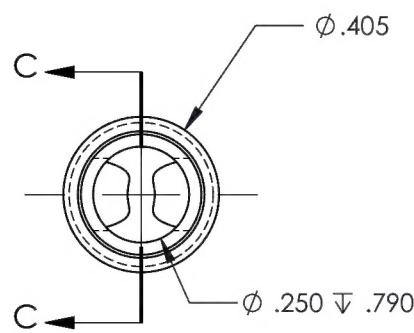
(-01)

CAP

TITLE		DART AEROSPACE	
DWG NO.		RBW1205G00332-3G-01	
MAT'L		6061	
HEAT		UNLESS OTHERWISE SPECIFIED	
TREAT		DIMENSIONS ARE IN INCHES	
FINISH		.XXX ± .005 FRACTIONS ± 1/8	
SPEC		.XX ± .01 ANGLES ± 5°	
DRAWN BY:		.X ± .1 SURFACES = 125	
CHECKED:		✓	
OPPS APPR:		1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
QA APPR:		2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
APPROVED:		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
SCALE		USED ON MODEL	
1:1		AGUSTA	
DATE		2/23/2011	
SHEET		2 OF 8	

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REVISIONS			
REV	ECR	DESCRIPTION	DATE
1		-03 ADDED THIS PART FOR REDESIGN.	3/2/2011
2		-03 CH'D HOLE FROM Ø.20, CH'D LIMIT DIM FROM Ø.3135-.3139.	11/30/2011
			RJC DW



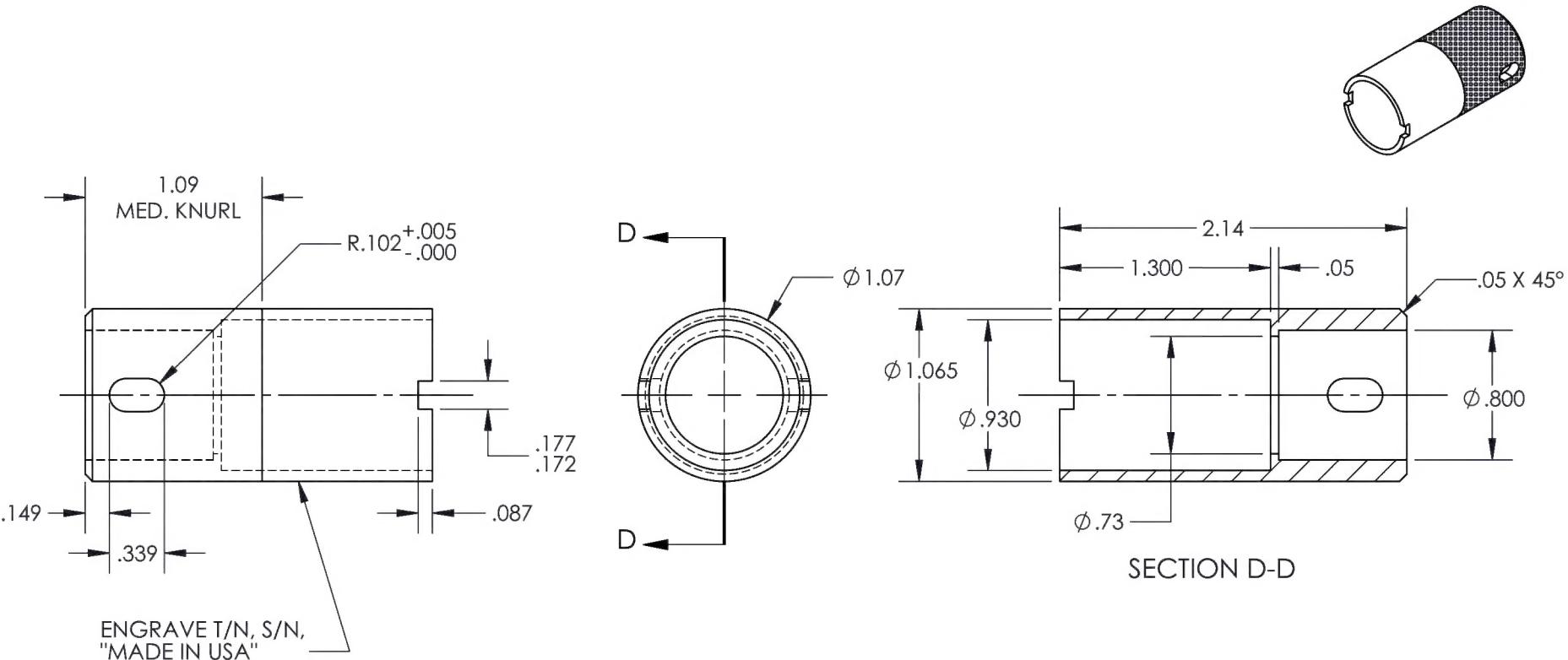
(-03)

QUILL

DART AEROSPACE	
TITLE	
MAIN GEAR BOX DRAIN TOOL	
DWG NO.	RBW1205G00332-3G-03
REV	6
MAT'L 303/304 S.S. UNLESS OTHERWISE SPECIFIED	
HEAT .XXX ± .005 FRACTIONS ± 1/8	
TREAT .XX ± .01 ANGLES ± 5°	
FINISH X ± .1 SURFACES = 125	
SPEC	
DRAWN BY: PERRITT	
CHECKED: DUERFELDT	
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
USED ON MODEL	
AGUSTA	
SCALE	2:1
DATE	2/23/2011
SHEET 3 OF 8	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		-17 ADDED THIS PART FOR REDESIGN.	3/2/2011	JAG	
2		-17 CH'D TO CLEAR ANODIZE.	11/30/2011	RJC	DW
3		-17 ADDED ENGRAVE NOTRE.	2/15/2012	RJC	SE
6	17-0088	-17 CH'D DIM WAS .165 IS .172/.177.	4/17/2017	RJC	JAG



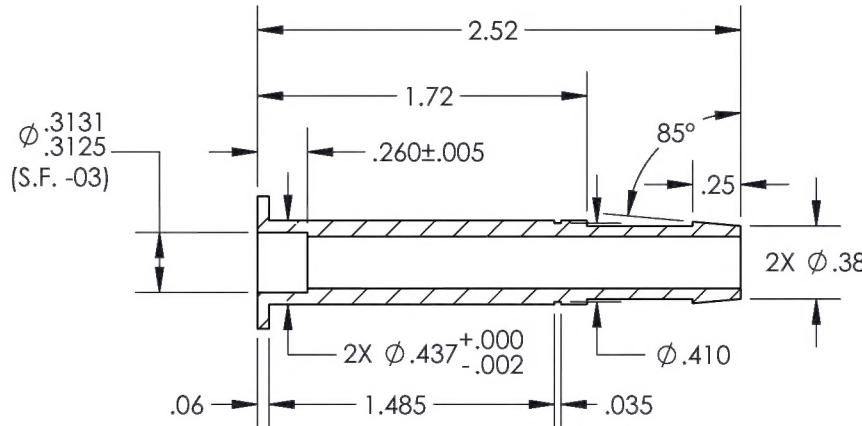
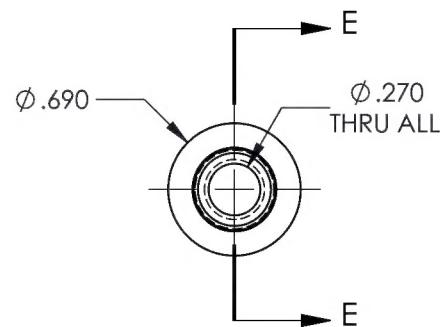
(-17)

SLEEVE

DART AEROSPACE	
TITLE MAIN GEAR BOX DRAIN TOOL	
DWG NO. RBW1205G00332-3G-17	
REV 6	
MATERIAL 6061 UNLESS OTHERWISE SPECIFIED HEAT FRACTIONS $\pm \frac{1}{8}$ TREAT ANGLES $\pm 5^\circ$ FINISH CLEAR ANODIZE SURFACES = 125 SPEC MIL-A-8625, TYPE II, CLASS I ✓ DRAWN BY: PERRITT CHECKED: DUERFELDT OPPS APPR: ANDERSON QA APPR: LINDSAY APPROVED: GILBERT USED ON MODEL AGUSTA	
SCALE 1:1	DATE 2/23/2011
SHEET 4 OF 8	

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REVISIONS			
REV	ECR	DESCRIPTION	DATE
1		-19 ADDED THIS PART FOR REDESIGN.	3/2/2011
2		-19 CH'D HOLE DIA. FROM Ø.26, CH'D .10 FLANGE DIM TO .06.	11/30/2011
			DW



SECTION E-E



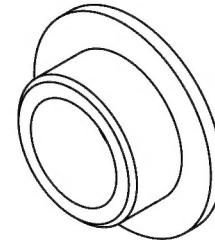
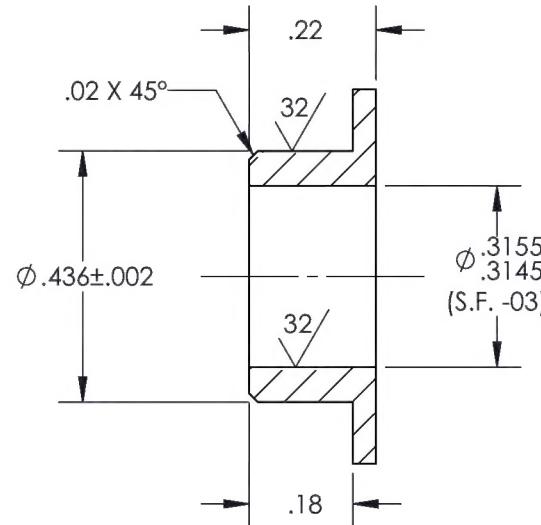
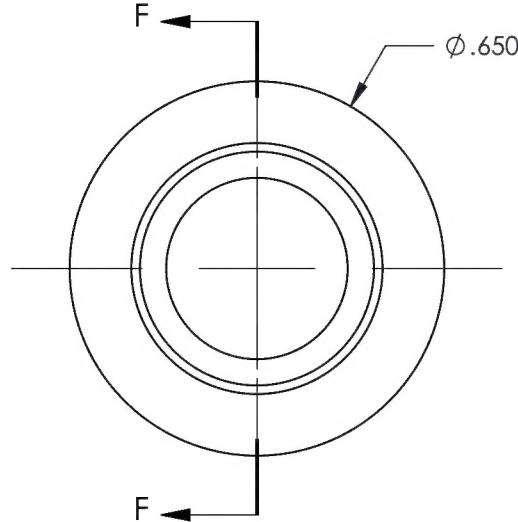
TITLE	
DWG NO.	
MAT'L	303/304 S.S.
HEAT	UNLESS OTHERWISE SPECIFIED
TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± 5°
DRAWN BY:	X ± .1 SURFACES = 125 ✓
CHECKED:	1. BREAK ALL SHARP EDGES
OPPS APPR:	.015 x 45° OR .015R
QA APPR:	2. DIMENSIONAL LIMITS APPLY
APPROVED:	AFTER PLATING
	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
SCALE	USED ON MODEL
DATE	AGUSTA
2/22/2011	
SHEET 5 OF 8	

-19

BARB

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REVISIONS			
REV	ECR	DESCRIPTION	DATE
1		-21 ADDED THIS PART FOR REDESIGN.	3/2/2011
2		-21 CH'D Ø.313 TO LIMIT DIM. S.F. -3.	11/30/2011
			DW



SECTION F-F

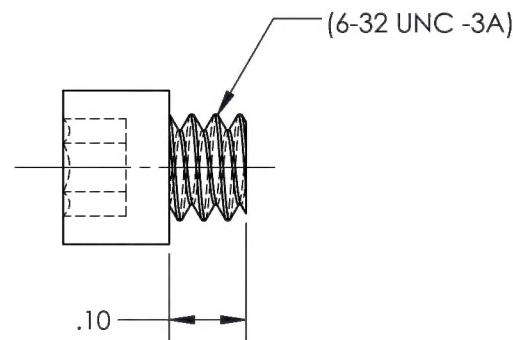
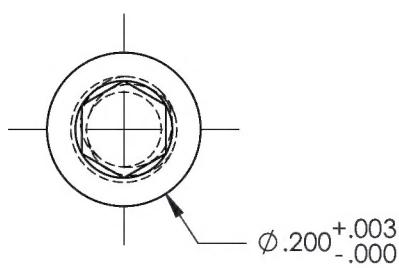
(-21)

VALVE

	
TITLE	
MAIN GEAR BOX DRAIN TOOL	
DWG NO.	RBW1205G00332-3G-21
REV	6
MATERIAL 303/304 S.S.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
HEAT	.XXX ± .005 FRACTIONS ± 1/8
TREAT	.XX ± .01 ANGLES ± 5°
FINISH	X ± .1 SURFACES = 125
SPEC	✓
DRAWN BY:	PERRITT
CHECKED:	DUERFELDT
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL	
AGUSTA	
SCALE	3:1
DATE	2/25/2011
SHEET 6 OF 8	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		-23 ADDED THIS PART FOR REDESIGN.	3/2/2011	JAG	
3		-23 CH'D O.D. FROM ϕ .20 TO ϕ .200 +.003-.000.	2/15/2012	RJC	SE



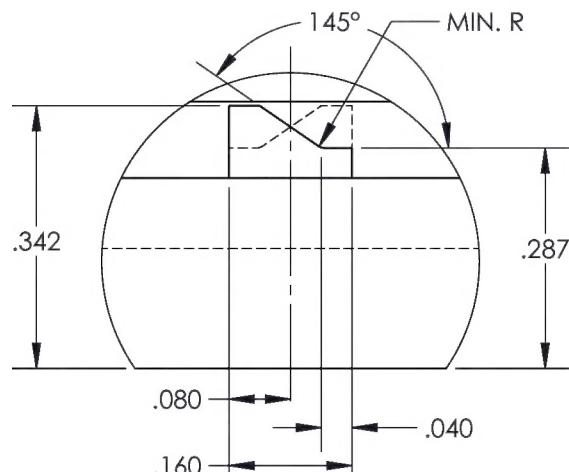
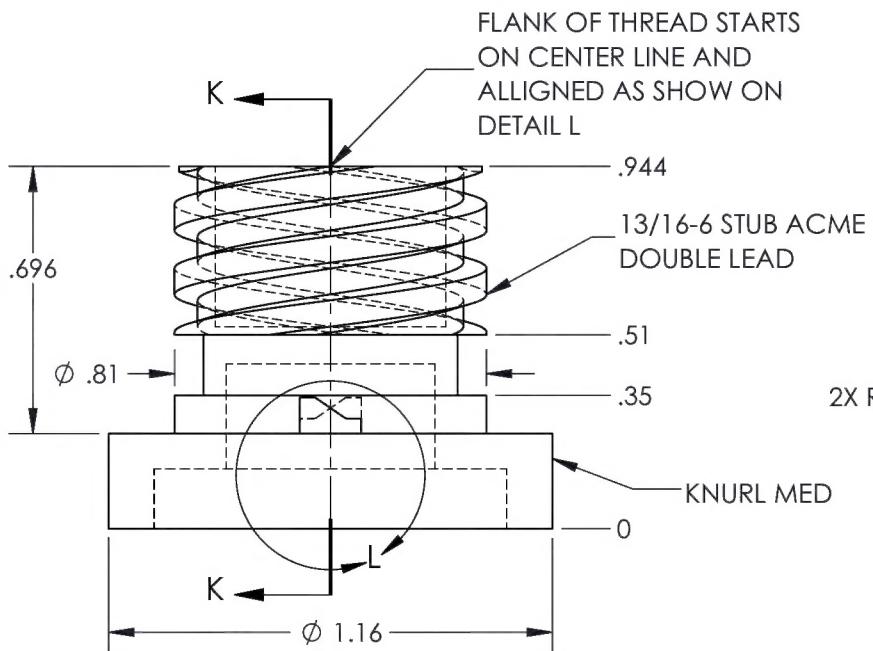
-23

SCREW

DART AEROSPACE	
TITLE	
MAIN GEAR BOX DRAIN TOOL	
DWG NO.	RBW1205G00332-3G-23
REV	6
MATERIAL S.S.	
HEAT	UNLESS OTHERWISE SPECIFIED
TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± 5°
DRAWN BY:	GILBERT
CHECKED:	DUERFELDT
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL	
AGUSTA	
SCALE	4:1
DATE	2/22/2011
SHEET 7 OF 8	

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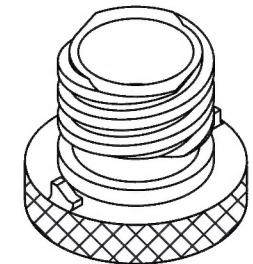
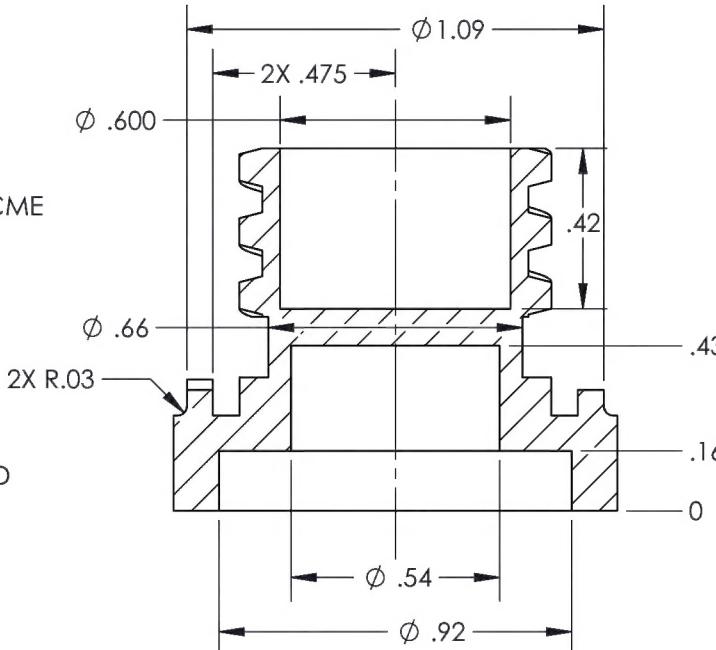
REVISIONS			
REV	ECR	DESCRIPTION	DATE
5	16-0057	-24 ADDED.	6/16/2016
6	17-0088	-24 ADDED DIM'S .696, Ø1.09, MIN. R. DELETED DIM'S 2X .068, .248.	4/17/2017



DETAIL L
2 PLACES
SCALE 4 : 1

(-24)

END CAP



DART AEROSPACE	
MAIN GEAR BOX DRAIN TOOL	
DWG NO.	REV 6
RBW1205G00332-3G-24	
MAT'L 6061	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT	.XXX ± .005 FRACTIONS ± 1/8
TREAT	.XX ± .01 ANGLES ± 5°
FINISH	X ± .1 SURFACES = 125
SPEC	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
MIL-A-8625F, TYPE II, CLASS II	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
DRAWN BY:	3. INTERPRET DIM AND TOL PER ANDERSON ASME Y14.5M-2009
CHECKED:	LINDSAY
OPPS APPR:	USED ON MODEL
QA APPR:	AGUSTA
APPROVED:	GILBERT
SCALE 2:1	DATE 6/16/2016
	SHEET 8 OF 8